



**TRUE NORTH
PROJECT**

Fairbanks Gold Mining, Inc.
(a subsidiary of Kinross Gold Corporation)

Figure 3-5
Explosive Magazine



True North Project
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Ammonium Nitrate Bin
Figure 3-6

3.13 Project Management System (PMS)

FGMI's PMS for True North will include the following:

- Project Description
- Reclamation Plan
- Transportation Plan
- Storm Water Runoff Pollution Prevention Plan
- Spill Prevention Control and Countermeasure Plan (SPCC)
- Waste Disposal Procedure Pocket Manual
- Monitoring Plan (will include development rock and ore characterization and water quality)

FGMI's PMS incorporates applicable regulatory requirements and authorizations. A yearly field inspection, in August, will be conducted by state agencies to document the status of mine operations, concurrent reclamation, and overall compliance.

An annual agency review will be conducted to determine if both the Project Management Systems of FGMI and the regulatory controls imposed on FGMI provide reasonable assurances that environmental objectives are being met and that the systems and controls are functioning as intended.

A third-party environmental audit will be conducted every third year of operation consistent with the requirements of the True North Millsite Lease ADL #416509.

3.14 Environmental Incident Response

The FGMI Environmental Services Personnel will coordinate control, containment, and cleanup of all on-site hazardous and non-hazardous material spills (petroleum products and process chemicals). For off-site spills on the access/haul road, the responsible trucking company and/or product manufacturer will coordinate the initial response and cleanup per the True North Project Transportation Plan and applicable federal and state regulations.

3.15 Medical Emergency Response

Emergency response personnel will handle medical emergencies. Site personnel will be trained to handle injuries and illness as needed. Trained personnel will, to the best extent possible, be distributed throughout all shifts. Fort Knox personnel will assist True North Project with the Fort Knox Emergency Response Vehicle and personnel, if needed. In addition to on-site personnel and equipment, services of the Steese Volunteer Fire Department and the U.S. Army's Medivac helicopter will be available, if needed. A designated landing zone for emergency helicopter landing will be constructed.

4.0 CLOSURE AND RECLAMATION PLANS

4.1 General

Reclamation is a progressive, long-term process. Planning for reclamation was begun during conceptual design of the mine. Actual reclamation will begin during construction, when topsoil stockpiles and cut and fill slopes are stabilized. . Reclamation will occur concurrently with mining and upon cessation of the mining operations. This will include backfilling of the East Pit and portions of the Hindenburg Pit as mining progresses.

The objectives of permanent closure and reclamation will be to stabilize, remove, or mitigate sources having the potential to degrade the lands and waters of the state, and, to leave the land and water in a condition that will allow for the designated post-mining land uses.

4.2 Post-Mining Land Uses

Fairbanks Gold Mining, Inc. with the concurrence of state resource agencies has designate the post-mining land use as wildlife habitat and recreation consistent with the Tanana Valley Basin Management Plan.

4.3 Reclamation Plans

In general, the objectives of reclamation will be:

- 1) Stabilization and protection of surgical soil materials from wind and water erosion;
- 2) Stabilization of steep slopes through contouring and leveling to provide rounded land forms and suitable seedbeds;
- 3) Establishment of long-term, self-sustaining vegetation communities through reseeding and/or promotion of natural invasion and succession. Achieving these objectives will be in the form of success with concurrent reclamation of disturbed areas.
- 4) Return the site to a stable and environmentally sound conditions that meet the designated land use prescribe by the Tanana Basin Area Plan of Wildlife Habitat and Recreation.

For the area and component-specific reclamation plans, which will govern actual reclamation activities, a comprehensive True North Project Reclamation Plan has been developed.

5.0 MAJOR PERMITS AND AUTHORIZATIONS

Presented below is a listing of the major permits and authorizations that FGMI will need to obtain for construction of the True North Mine.

5.1 State of Alaska Permits and Authorizations

5.1.1 Department of Environmental Conservation

- Certificate of Reasonable Assurance for Corps of Engineers 404 Permit
- Plan Review for Public Water Supply System
- SPCC Plan Approval
- Storm Water Discharge Pollution Prevention Plan
- Authorization from ADEC under Solid Waste Disposal Permit 0031-BA008

5.1.2 Department of Labor

- Certificate of Inspection for Fired and Unfired Pressure Vessel
- Employer Identification Number

5.1.3 Department of Natural Resources

- Burning Permits
- Field Archaeology Permit & Final Site Clearance
- Authorization for Geotechnical testing
- Reclamation Plan Approval
- Plan of Operations Approval (consisting of Project Description and Reclamation Plan)
- Permit to Appropriate Water
- Temporary Water Use Permit
- Millsite Lease
- Mental Health Trust Land Unit Approval; Right-of-Way (ROW) and Material Use
- ROW for Access/Haul Road & Road Maintenance Agreement
- Transportation Plan Approval
- Monitoring Plan Approval
- Power Line Right-of-Way ADL 416477 (issued to GVEA)

5.1.4 Department of Transportation & Public Facilities

- Driveway Permit

5.1.5 Department of Public Safety

- Approval to Transport Hazardous Materials
- Life and Fire Safety Plan Check
- Plan Review Certificate of Approval for each Building

5.2 Federal Permits and Authorizations

5.2.1 Bureau of Alcohol, Tobacco, and Firearms

- Permit and License for Use of Explosives

5.2.2 Corps of Engineers

- 404 Wetlands Permit

5.2.3 Environmental Protection Agency

- SPCC Plan
- Storm Water Discharge Multi-Sector General Permit for Industrial Activities
- Storm Water Pollution Prevention Plan

5.2.4 Mine Safety and Health Administration

- Notification of Legal Identity
- Training and Retraining of Miners Plan

REFERENCES

- ABR, Inc. (1995, 1996, 1997, 1998). Reconnaissance Evaluation of Threatened and Endangered Species in the True North Joint Venture Project Area. P.O. Box 80410, Fairbanks, Alaska.
- ABR, Inc. (1996, 1997). Wetlands Survey of the True North Joint Venture Project Area. P.O. Box 80410, Fairbanks, Alaska.
- Anonymous (1916). Descriptive of Fairbanks "Alaska's Golden Heart." The Fairbanks Commercial Club, Fairbanks, Alaska, 63 pp.
- Boswell, J.C. (1979). History of Alaskan Operations of the United States Smelting, Refining, and Mining Company. Mineral Industries Research Laboratory, Fairbanks, Alaska, 126 pp.
- Brooks, A.H. (1915). Gold, Silver, and Copper in Alaska in 1915. In Minerals Report of the United States 1915, Part I – Metals. Government Printing Office, Washington, D.C.
- Brooks, A.H., and others (1914). Mineral Resources of Alaska. Report on Progress of Investigations in 1913. USGS Bulletin 592. U.S. Government Printing Office, Washington, DC.
- Cashen, W.R. (1971). A Brief History of Fairbanks. Copyright by W.R. Cashen, Fairbanks, Alaska, 18 pp.
- Cobb, E.H. (1973). Placer Deposits of Alaska. U.S. Geological Survey Bulletin 1974, Washington, D.C., 213 pp.
- Cooley, R.A. (1954). Fairbanks, Alaska, A Survey of Progress. Alaska Development Board, Juneau, Alaska, 78 pp.
- Haskins, S. (1981). Unpublished Report.
- Hill, J.M. (1933). Lode Deposits of the Fairbanks District, Alaska. USGS Bulletin 849-B. U.S. Government Printing Office, Washington, D.C., 163 pp.
- Higgs, A. (1996). True North Joint Venture, Cultural Resources Inventory Report for the 1995 True North Claim Block – Spruce Creek area, October. Report prepared for Newmont Exploration Limited, Fairbanks, Alaska. Northern Land Use Research, Inc., 600 University Ave., Suite 6, Fairbanks, Alaska.
- Higgs, A. (1997). True North Joint Venture, Cultural Resources Inventory Report for the 1997 True North Claim Block-Upper Dome Creek Area, February. Report prepared for Newmont Exploration Limited, Fairbanks, Alaska. Northern Land Use Research, Inc., 600 University Ave., Suite 6, Fairbanks, Alaska.

- Joesting, H.R. (1942). Antimony and Tungsten Deposits in Fairbanks and Adjacent Areas, MR-194-11.
- McDowell Group, (1999). Economic Impact of the Fort Knox Mine on the Fairbanks North Star Borough, February 1, 1999. Prepared for the Fairbanks North Star Borough by Information Insights/McDowell Group, Juneau, Alaska.
- Mining Public Consent, LLC (2000). True North Socioeconomic Baseline. 1320 Gull Road, Fairbanks, Alaska.
- Northern Land Use Research, Inc. (1995, 1996 & 2000). Cultural Resources Inventory Report for the 1995 True North Claim Block-Spruce Creek Area. Cultural Resources Inventory Report for the 1996 True North Claim Block-Upper Dome Creek Area. Archeological Survey of Proposed Access Road for the True North Mine Property. Listed Respectively. 600 University Avenue, Suite 6, Fairbanks, Alaska.
- Parker, G.A. (1929). The Evolution of Placer Mining Methods in Alaska. B.S. Thesis, Geology and Mining, Alaska Agricultural College and School of Mines, College, Alaska, 64 pp.
- Water Management Consultants, Inc., (2000). True North Baseline Hydrogeologic Characterization. 1875 Lawrence Street, Suite 500, Denver, Colorado.
- Wold, J.A. (1971). Fairbanks the \$200 Million Gold Rush Town. Wold Press, Fairbanks, Alaska, 42 pp.

KINROSS GOLD CORPORATION

ENVIRONMENTAL POLICY

OBJECTIVE

Kinross Gold Corporation recognizes that maintenance of environmental quality is vital to the Company's existence, progress, and continued development. The Company will maintain high environmental standards limited only by technical and economic feasibility. The Company will take positive action to protect the safety of its workers, conserve natural resources, and minimize the impact of its activities on the environment through diligent application of appropriate technology and responsible conduct at all stages of exploration, mine development, mining, mineral processing, decommissioning, and reclamation.

The purpose of Kinross Gold Corporation's Environmental Policy is to provide a measurable framework for the performance of the Company's activities in an environmentally responsible manner, ensuring compliance by the Company and its employees with all applicable environmental regulations and commitments.

IMPLEMENTATION

Kinross Gold Corporation will:

Evaluate, plan, construct, and operate all projects and facilities to reduce adverse environmental impacts and to meet or exceed applicable environmental laws, regulations, and standards. In the absence of applicable regulations, the Company will apply cost effective best management practices to protect the environment.

Require managers of all projects and operations to adhere to the Company Environmental Policy and to identify, evaluate, and minimize risks to the environment.

Continuously review environmental achievements and technology to seek and implement methods for further improvement.

Require all operations to have site-specific emergency response plans, which meet or exceed all applicable regulations.

Conduct regular audits of environmental performance and emergency response plans to verify compliance with the Company's policy and applicable regulations. Identify revisions or improvements to current practices in order to minimize environmental impacts. Report findings quarterly to the Board of Directors.

Educate employees in environmental matters and responsibilities relating to performance of their assigned tasks. Entrust all employees to maintain necessary environmental performance for their activities.

Foster communication with shareholders, the public, employees, and government to enhance understanding of environmental issues affecting the Company's activities.

Work pro-actively with government and the public to define environmental priorities. Participate in the development of responsible laws for the protection of the environment.

Allocate sufficient resources to meet the Company's environmental goals. Annually assess the projected costs of decommissioning and reclamation while funding "off balance sheet" an appropriate amount to ensure that there are sufficient cash reserves to pay for these costs upon closure.

Robert M. Buchan
Chairman and CEO

Ned Goodman
Chairman, Environmental Committee
Kinross Board of Directors